

CLAIMS

Please amend the claims as follows.

1. (Original) A server for transmitting stored data to a network, comprising:
a transmit buffer for transmitting the stored data to the network;
a network bandwidth monitor for monitoring a bandwidth of the network; and
a transcoder for transcoding the stored data into reduced data content frames if the monitored bandwidth is less than a first preset value that increase a rate that the reduced data content frames are transmitted from the buffer over the network for the monitored bandwidth.
2. (Previously Presented) The server of claim 1, wherein the transcoder increases the rate that the frames are transmitted above a receiver play out rate for a period of time after the monitored bandwidth of the network rises above the first preset value.
3. (Original) The server of claim 1, further comprising:
a redundancy encoder for redundancy encoding the transcoded data if the monitored bandwidth is less than a second preset value.
4. (Original) The server of claim 3, wherein the monitoring means includes
a control unit for activating the redundancy encoder when the monitored bandwidth is less than the second preset value.
5. (Original) The server of claim 4, wherein the first preset value equals the second preset value.
6. (Original) A server for transmitting data to a network, comprising:
transmitting means for transmitting the data to the network;
monitoring means for monitoring a bandwidth of the network;
transcoding means for transcoding the data if the monitored bandwidth is less than a first preset value; and

redundancy encoding means for redundancy encoding the transcoded data prior to transmission if the monitored bandwidth is less than a second preset value.

7. (Previously Presented) The server of claim 6, wherein the first preset value is a streaming media play out rate and the second preset value is a network available bandwidth value where some frames carrying the data are dropped by the network.

8. (Original) The server of claim 6, further comprising:
a control unit for activating the transcoding means when the monitored bandwidth is less than the first preset value and for activating the redundancy encoding means when the monitored bandwidth is less than the second preset value.

9. (Original) The server of claim 8, wherein the first preset value equals the second preset value.

10. (Previously Presented) An article comprising: a storage medium, said storage medium having stored thereon instructions for a server to transmit a portion of streaming media to a network, that, when executed by a computing device, result in:

transmitting the portion to the network;
monitoring a bandwidth of the network; and
transcoding the portion prior to transmitting if the monitored bandwidth is less than a first preset value to increase a rate that streaming media frames are transmitted over the network in relationship to the monitored bandwidth.

11. (Original) The article of claim 10, further comprising:
activating a transcoder when the monitored bandwidth is less than the first preset value.

12. (Original) The article of claim 10, further comprising:
redundancy encoding the transcoded portion if the monitored bandwidth is less than a second preset value.

13. (Original) The article of claim 10, further comprising:
activating a redundancy encoder when the monitored bandwidth is less than the second preset value.

14. (Previously Presented) A method for a server to transmit a portion of streaming media to a network comprising:
transmitting the portion to the network;
monitoring an amount of available bandwidth on the network; and
transcoding a reduced portion of the streaming media into frames prior to transmitting when the monitored bandwidth is less than a first preset value causing the frames to be transmitted over the network at an increased rate in relationship to the amount of available bandwidth.

15. (Previously Presented) The method of claim 14 including:
maintaining the transcoding for a selected period of time after the monitored available bandwidth rises above the first preset value causing the frames to be transmitted above a streaming media play out rate; and
discontinuing the transcoding after the selected period of time so that the frames are transmitted at the media play out rate.

16. (Original) The method of claim 14, further comprising:
redundancy encoding the transcoded portion if the monitored bandwidth is less than a second preset value.

17. (Previously Presented) The method of claim 16 including setting the first preset value at a media stream play out rate and setting the second preset value at an available network bandwidth value where some frames are dropped by the network.

18. (Previously Presented) A system for a server to transmit a portion of streaming media to a network comprising:
means for transmitting the portion to the network;

means for monitoring a bandwidth of the network; and
means for transcoding the portion prior to transmitting if the monitored bandwidth is less than a first preset value.

19. (Previously Presented) The system of claim 18, further comprising:
means for activating a transcoder when the monitored bandwidth is less than the first preset value.

20. (Previously Presented) The system of claim 18, further comprising:
means for redundancy encoding the transcoded portion if the monitored bandwidth is less than a second preset value.

21. (Previously Presented) The system of claim 18, further comprising:
means for activating a redundancy encoder when the monitored bandwidth is less than the second preset value.